

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Nathan Cass (Reg. No. 18,931) on 7/30/08.

In the claims:

Claim 101;

- line 12, insert after "partitions" --, wherein said establishing communication between said first and second applications includes:

creating a data structure in said shared memory region comprising a plurality of data segments for use in sending a message from said first application to said second application, wherein the data structure comprises:

a plurality of data segments, each of the plurality of data segments for storing network message data to be sent from a sending shared memory service provider to a receiving shared memory service provider;

a control segment for controlling reading and writing of data in the plurality of data segments, the control, segment comprising:

a first portion comprising:

a first field for storing an indication of the data segment containing the most recently written network message data; and

a second field for storing an indication of the data segment containing the earliest written, but not read, network message data; and

a plurality of second portions, each Second portion corresponding to one of the plurality of data segments for control of the data segment, each second portion comprising:

a first field for storing an indication of the beginning of network message data within the data segment; and

a second field for storing an indication of the end of network message data within the data segment;

- Line 20, insert after "network" --, wherein said emulated network connection requested by said first application comprises a network socket connection, and wherein the step of establishing a connection through the shared memory region comprises establishing a connection through the shared memory region that emulates a network socket connection --;

Claim 102 - cancel;

Claim 103 - cancel;

Claim 109;

- line 1, replace “claim 102” with – claim 101 --;

Claim 112;

- line 12, insert after “partitions” --, wherein said establishing communication between said first and second applications includes:

creating a data structure in said shared memory region comprising a plurality of data segments for use in sending a message from said first application to said second application, wherein the data structure comprises:

a plurality of data segments, each of the plurality of data segments for storing network message data to be sent from a sending shared memory service provider to a receiving shared memory service provider;

a control segment for controlling reading and writing of data in the plurality of data segments, the control, segment comprising:

a first portion comprising:

a first field for storing an indication of the data segment containing the most recently written network message data; and

a second field for storing an indication of the data segment containing the earliest written, but not read, network message data; and

a plurality of second portions, each Second portion corresponding to one of the plurality of data segments for control of the data segment, each second portion comprising:

a first field for storing an indication of the beginning of network message data within the data segment; and

a second field for storing an indication of the end of network message data within the data segment;

- Line 19, insert after “network” --, wherein said emulated network connection requested by said first application comprises a network socket connection, and wherein the step of establishing a connection through the shared memory region comprises establishing a connection through the shared memory region that emulates a network socket connection --;

Claim 113 - cancel;

Claim 114 - cancel;

Claim 115;

- line 1, replace “claim 113” with -- claim 112 --;

Claim 123;

- line 2, replace “processing modules, groups of one or more processing modules” with – processors, said plurality of processors --;

- line 9, replace “a main memory to which each processing modules is connected, the main memory” with – a memory connected to each of the plurality of processors, said memory --;
- line 12, insert before “program” – means for providing for a --;
- line 21, insert after “network;” -- wherein said emulated network connection requested by one of said first application and said second application comprises a network socket connection, and wherein the step of establishing a connection through the shared memory region comprises establishing a connection through the shared memory region that emulates a network socket connection --;

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is 571-272-3757. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2195

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/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

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